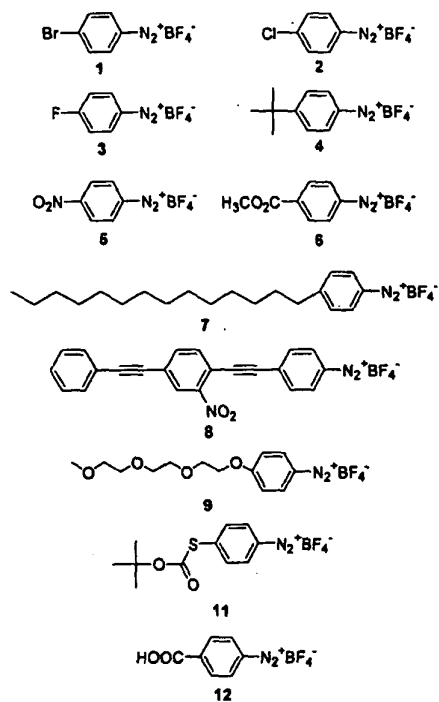
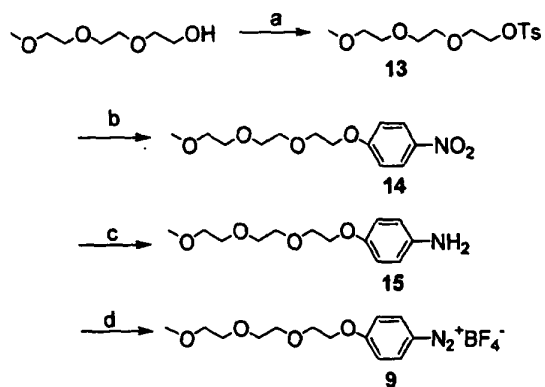


Figure 1



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Figure 2



a) TosCl , H_2O , THF b) 4-nitrophenol, DMF , K_2CO_3 c) H_2 , Pd/C d) NOBF_4 , CH_3CN

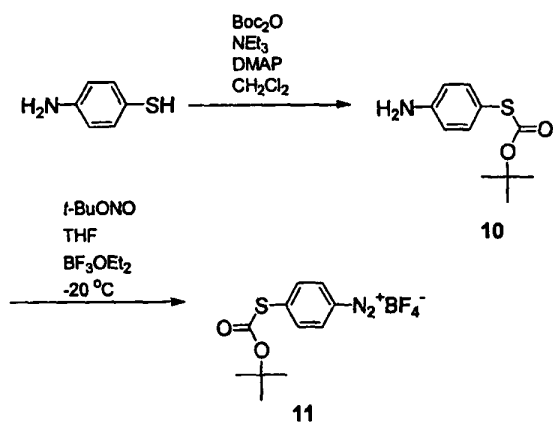


Figure 3

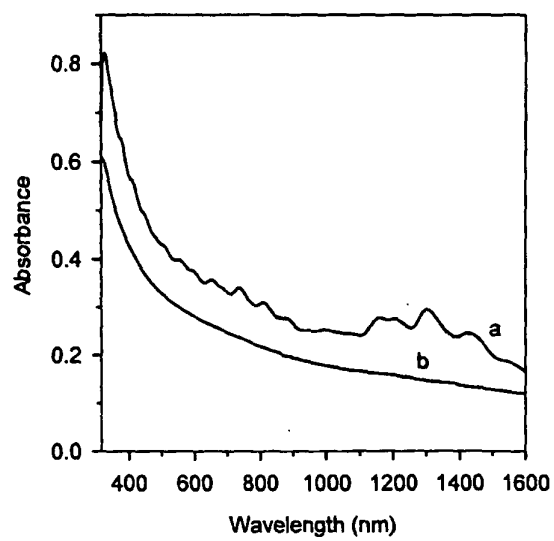


Figure 4

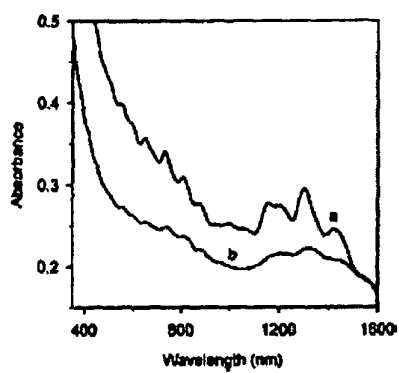
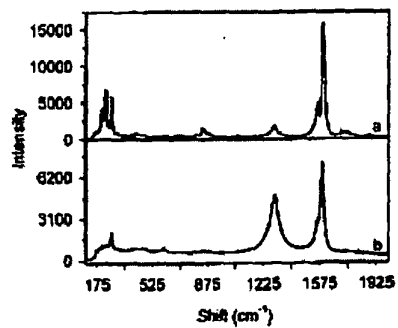


Figure 5



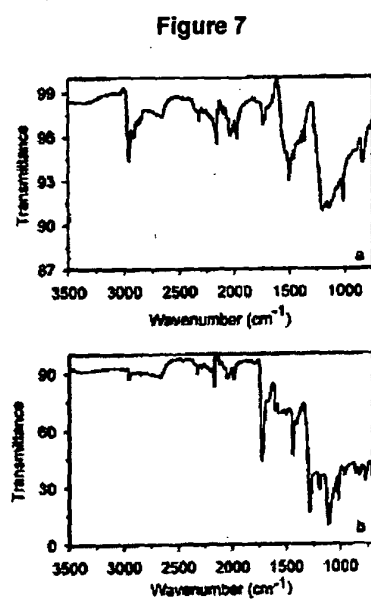
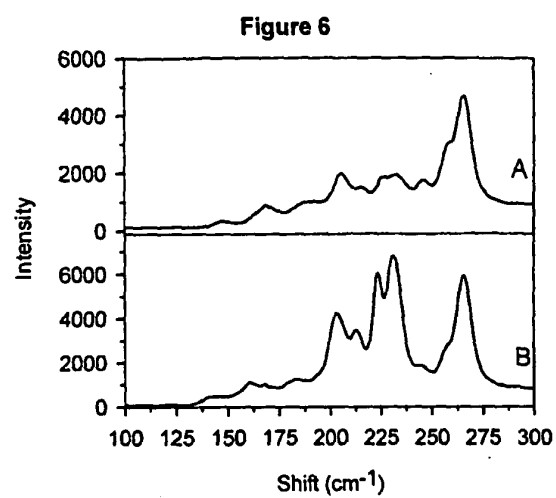


Figure 8

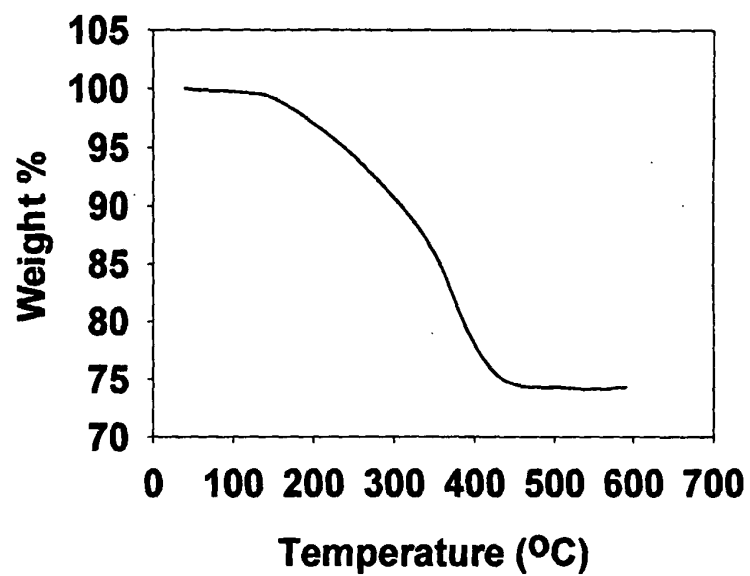


Figure 9

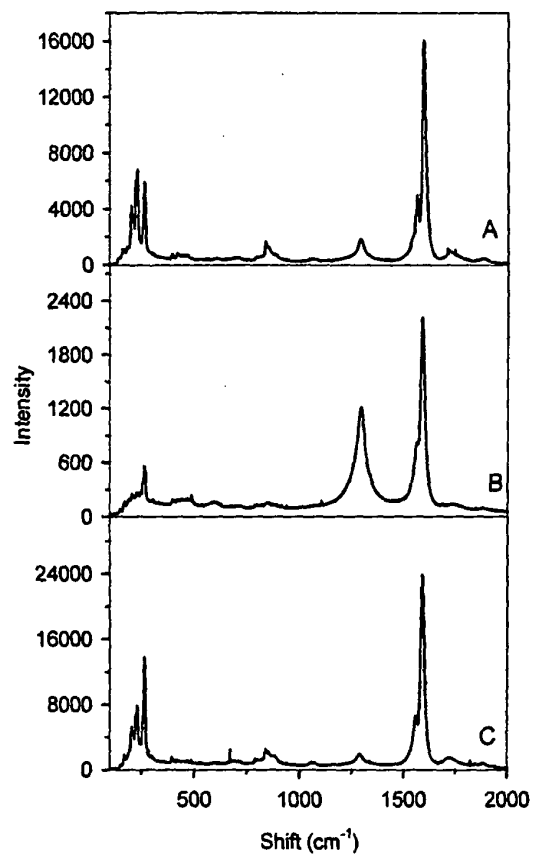
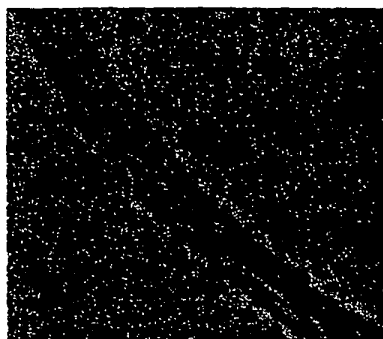
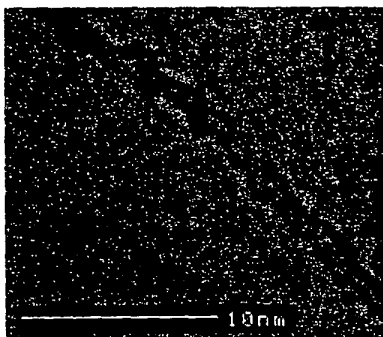


Figure 10

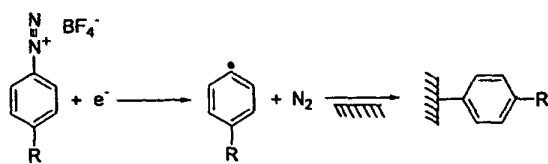




A



B

Figure 11



SWNT +  $\xrightarrow[\text{CH}_3\text{CN, 2 : 1}]{\text{1,2-dichlorobenzene}}$ 

60 °C, 12 h


21, R = 

Figure 14

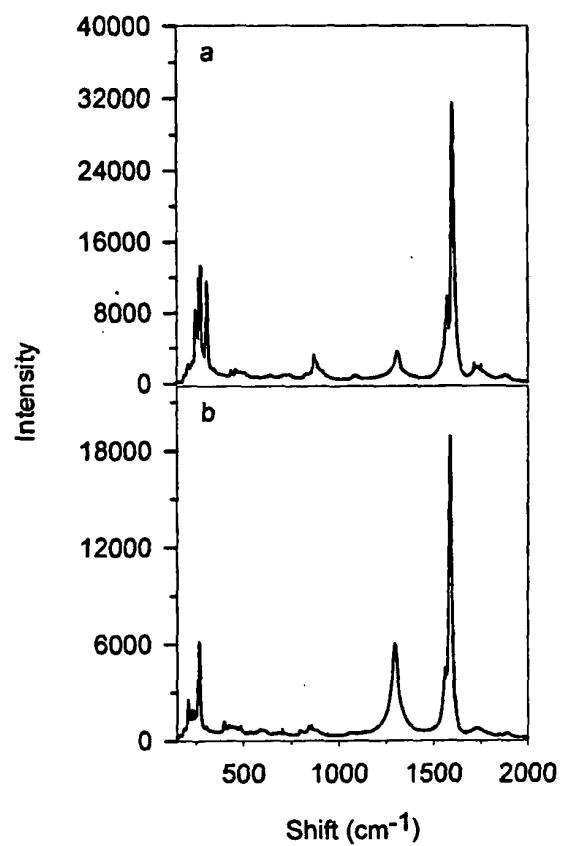


Figure 15

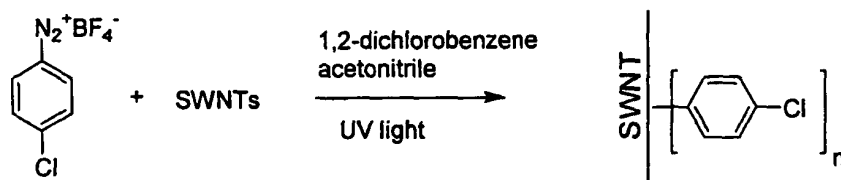


Figure 16

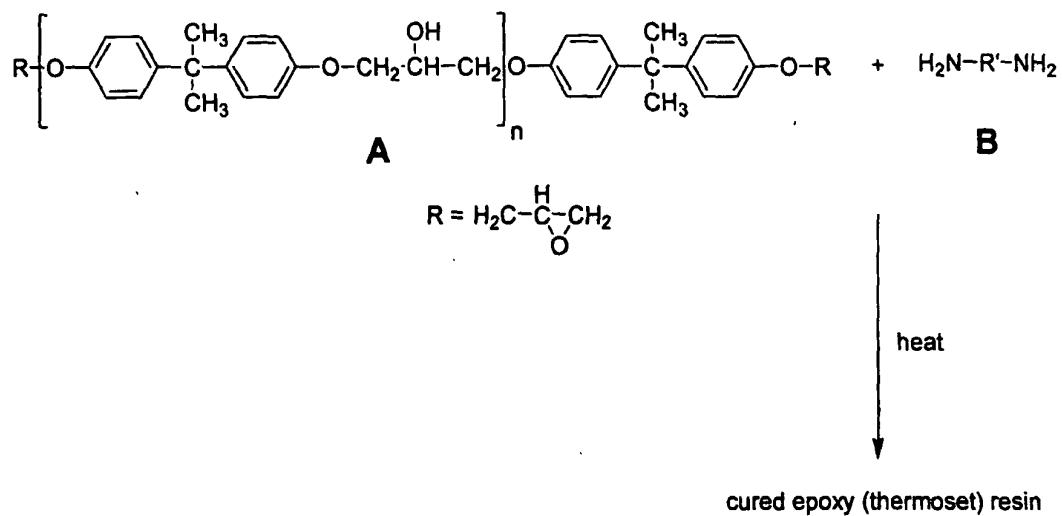


Figure 17

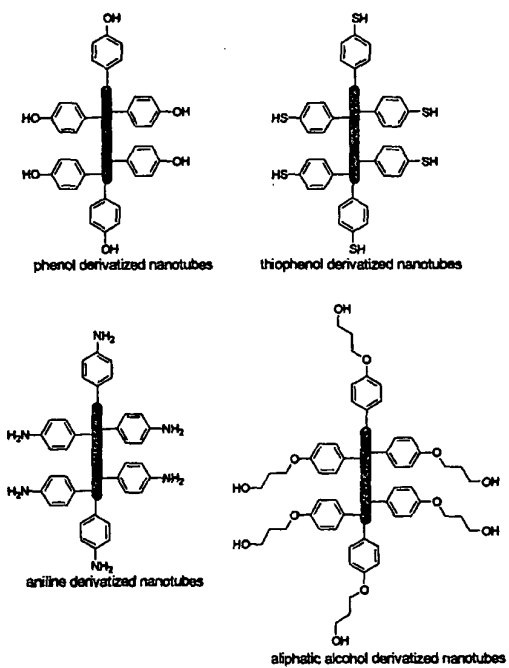


Figure 18

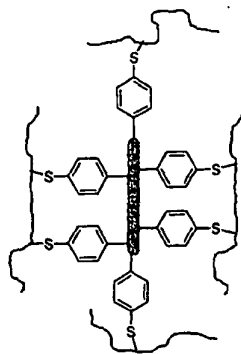


Figure 19

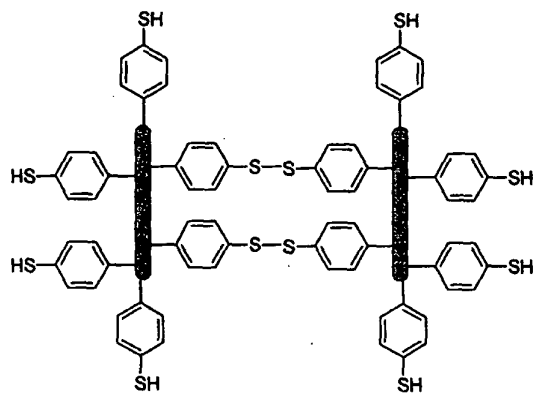


Figure 20

